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#3

Docket No.: 576-008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT OPERATION

In re Application of:

Massimo Porro

) Group Art Unit: --

Serial No.: 09/124,280

) Examiner: --

Filed: July 29, 1998

For: VACCINES FOR PREVENTION OF
GRAM-NEGATIVE INFECTIONS AND
ENDOTOXIN-RELATED DISEASES

New York, NY 10036
September 14, 1998

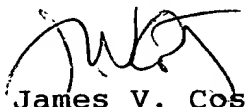
Assistant Commissioner for Patents
Washington, DC 20231

STATEMENT UNDER 37 CFR § 1.821(f)

SIR:

It is hereby certified that the content and the
computer readable copies are the same as required by 37 CFR
§1.821(f).

Respectfully submitted,



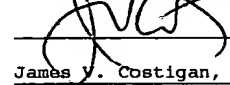
James V. Costigan
Registration No. 25,669

HEDMAN, GIBSON, COSTIGAN & HOARE, P.C.
1185 Avenue of the Americas
New York, NY 10036
(212) 302-8989

I hereby certify that this correspondence is
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Washington, D.C. 20231

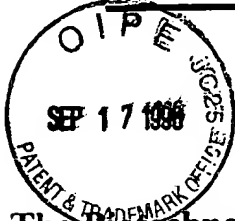
on September 14, 1998



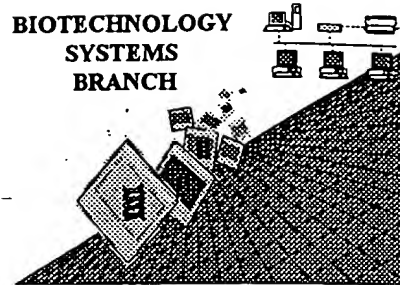
James V. Costigan, Registration No. 25,669

RAW SEQUENCE LISTING

ERROR REPORT



BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number:

09/124,280

Art Unit / Team No. :

0186

Date Processed by STIC:

8/4/98

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,**
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY**

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/124,280

DATE: 08/04/98
TIME: 12:55:42



INPUT SET: S27842.raw

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

---SEQUENCE LISTING

Does Not Comply
Corrected Diskette Needed

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Porro, Massimo
6
7 (ii) TITLE OF INVENTION: VACCINES FOR PREVENTION OF GRAM-
8 NEGATIVE BACTERIAL INFECTIONS AND ENDOTOXIN RELATED DISEASES
9
10 (iii) NUMBER OF SEQUENCES: 45
11
12 (iv) CORRESPONDENCE ADDRESS:
13
14 (A) ADDRESSEE: Hedman, Gibson & Costigan
15 (B) STREET: 1185 Avenue of the Americas
16 (C) CITY: New York
17 (D) STATE: New York
18 (E) COUNTRY: USA
19 (F) ZIP: 10036
20
21 (v) COMPUTER READABLE FORM:
22
23 (A) MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
24 (B) COMPUTER: IBM PS/2
25 (C) OPERATING SYSTEM: DOS
26 (D) SOFTWARE: Word Perfect 5.1
27
28 (vi) CURRENT APPLICATION DATA:
29
30 (A) APPLICATION NUMBER:
31 (B) FILING DATE: July 29, 1998
32 (C) CLASSIFICATION:
33
34 (vii) PRIOR APPLICATION DATA:
35
36 (A) APPLICATION NUMBER:
37 (B) FILING DATE:
38
39 (viii) ATTORNEY/AGENT INFORMATION:
40
41 (A) NAME: Costigan, James V.
42 (B) REGISTRATION NUMBER: 25,669
43 (C) REFERENCE/DOCKET NUMBER: 576-008
44
45 (ix) TELECOMMUNICATION INFORMATION:

INPUT SET: S27842.raw

46
47
48
49(A) TELEPHONE: (212) 302-8989
(B) TELEFAX: (212) 302-8998

ERRORED SEQUENCES FOLLOW:

230 (2) INFORMATION FOR SEQ ID NO:8:

231

232 (i) SEQUENCE CHARACTERISTICS:

233

--> 234 (A) LENGTH: 7 amino acids 10 shown

235 (B) TYPE: amino acid

236 → (D) (C) TOPOLOGY: circular

237

238 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:8:

239

240 Lys Phe Leu Lys Phe Leu Lys Phe Leu Lys

241 1 5 10

242

243 (2) INFORMATION FOR SEQ ID NO:9:

244

245 (i) SEQUENCE CHARACTERISTICS:

246

--> 247 (A) LENGTH: 6 amino acids 9 shown

248 (B) TYPE: amino acid

249 (D) (C) TOPOLOGY: circular

250

251 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:9:

252

253 Arg Tyr Val Arg Tyr Val Arg Tyr Val

254 1 5

255

256 (2) INFORMATION FOR SEQ ID NO:10:

257

258 (i) SEQUENCE CHARACTERISTICS:

259

--> 260 (A) LENGTH: 7 amino acids 10 shown

261 (B) TYPE: amino acid

262 → (D) (C) TOPOLOGY: circular

263

264 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:10:

265

266 Lys Phe Phe Lys Phe Phe Lys Phe Phe Lys

267 1 5 10

268

269 (2) INFORMATION FOR SEQ ID NO:11:

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/124,280DATE: 08/04/98
TIME: 12:55:44

INPUT SET: S27842.raw

270
271 (i) SEQUENCE CHARACTERISTICS:
272
--> 273 (A) LENGTH: 11 amino acids 9 shown
274 (B) TYPE: amino acid
275 (D) (e) TOPOLOGY: circular
276
277 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:11:
278
279 Lys Leu Leu Lys Leu Leu Lys Leu Leu
280 1 + 5 5
281 fix numbering - DO NOT use TAB codes between amino acid
res. Use space
characters.

295 (2) INFORMATION FOR SEQ ID NO:13:
296
297 (i) SEQUENCE CHARACTERISTICS:
298
--> 299 (A) LENGTH: 17 amino acids 11 shown
300 (B) TYPE: amino acid
301 (D) (e) TOPOLOGY: circular
302
303 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:13:
304
305 Cys Lys Cys Lys Cys Lys Cys Lys Cys Lys Cys
306 1 5 10
307

308 (2) INFORMATION FOR SEQ ID NO:14:
309
310 (i) SEQUENCE CHARACTERISTICS:
311
--> 312 (A) LENGTH: 16 amino acids 6 shown
313 (B) TYPE: amino acid
314 (D) (e) TOPOLOGY: circular
315
316 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:14:
317
318 Cys Lys Phe Lys Lys Cys
319 1 5
320

385 (2) INFORMATION FOR SEQ ID NO:20:
386
387 (i) SEQUENCE CHARACTERISTICS:
388
--> 389 (A) LENGTH: 9 amino acids 12 shown
390 (B) TYPE: amino acid
391 (D) (e) TOPOLOGY: circular
392
393 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:20:
394
395 Cys Lys Phe Leu Lys Phe Leu Lys Phe Leu Lys Cys
396 1 5 10

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/124,280DATE: 08/04/98
TIME: 12:55:46

INPUT SET: S27842.raw

Line	Error	Original Text
234	Entered (7) and Calc. Seq. Length (10) differ	(A) LENGTH: 7 amino acids
247	Entered (6) and Calc. Seq. Length (9) differ	(A) LENGTH: 6 amino acids
260	Entered (7) and Calc. Seq. Length (10) differ	(A) LENGTH: 7 amino acids
273	Entered (11) and Calc. Seq. Length (9) differ	(A) LENGTH: 11 amino acids
299	Entered (17) and Calc. Seq. Length (11) differ	(A) LENGTH: 17 amino acids
312	Entered (16) and Calc. Seq. Length (6) differ	(A) LENGTH: 16 amino acids
389	Entered (9) and Calc. Seq. Length (12) differ	(A) LENGTH: 9 amino acids



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARK
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/124,280	07/29/98	PORRO	M 576008

0232/0821

JAMES V COSTIGAN
HEDMAN GIBSON & COSTIGAN
1185 AVENUE OF THE AMERICAS
NEW YORK NY 10036-2601

NOT ASSIGNED

1643
DATE MAILED:

08/21/98

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason(s):

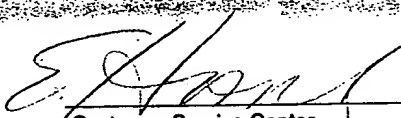
- ☐ 1. This application fails to comply with the requirements of 37 CFR 1.821 - 1.825.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.821 and/or 1.832 as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- ☒ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ 7. OTHER: _____

APPLICANT MUST PROVIDE:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing."
- ☐ An initial or substitute paper copy of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).

FOR QUESTIONS REGARDING COMPLIANCE WITH THESE REQUIREMENTS, PLEASE CONTACT:

- ☐ For Rules Interpretation, call (703) 308-1123.
- ☐ For CRF submission help, call (703) 308-4212.
- ☐ For PatentIn software help, call (703) 308-6856.


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Initial Patent Examination Division (703) 308-1292

PART 2 - COPY TO BE RETURNED WITH RESPONSE